

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098306.D
 Acq On : 7 Sep 2017 7:24
 Operator : SJ/JU
 Sample : I5088-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-U-M

Quant Time: Sep 07 07:52:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

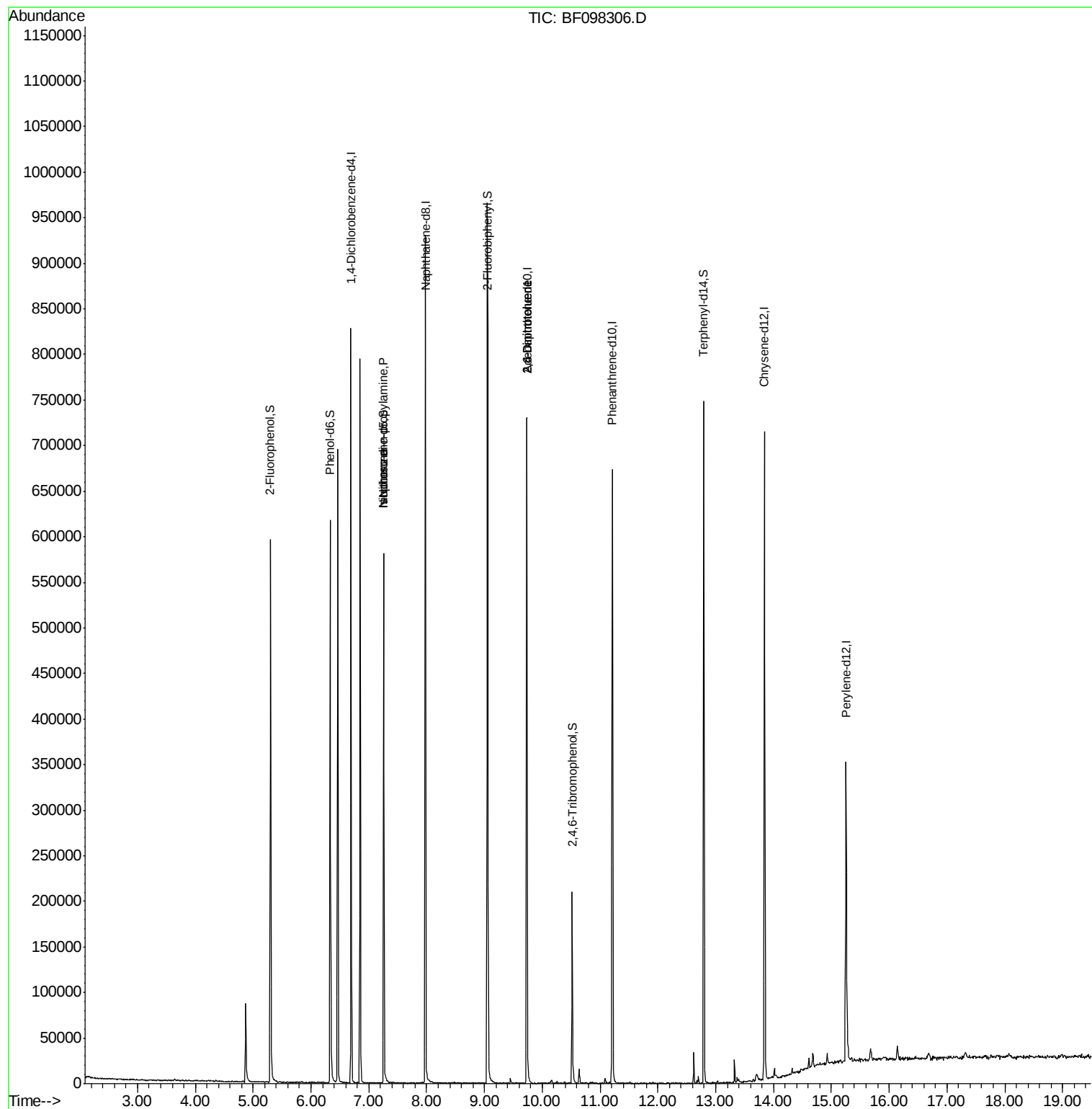
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	111860	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	413260	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	160747	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	261434	20.00	ng	0.00
75) Chrysene-d12	13.84	240	235276	20.00	ng	-0.02
86) Perylene-d12	15.26	264	159967	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	162976	22.16	ng	0.00
7) Phenol-d6	6.33	99	214181	21.44	ng	-0.02
23) Nitrobenzene-d5	7.26	82	188381	24.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	23911	17.14	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	312213	28.54	ng	-0.02
78) Terphenyl-d14	12.79	244	218907	19.40	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	24401	3.57	ng	# 71
25) Isophorone	7.26	82	184127	11.64	ng	# 67
50) 2,6-Dinitrotoluene	9.73	165	19411	8.28	ng	# 31
56) 2,4-Dinitrotoluene	9.73	165	19411	6.59	ng	# 31

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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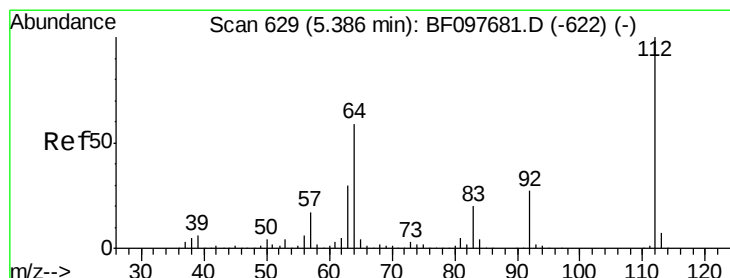
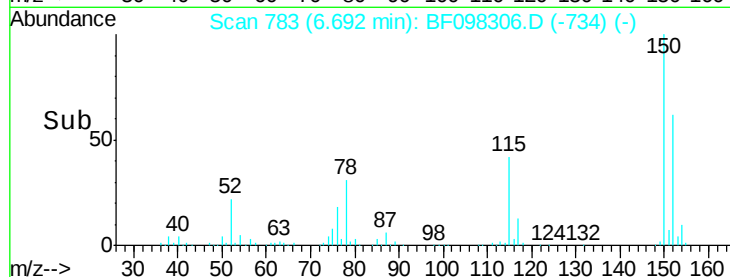
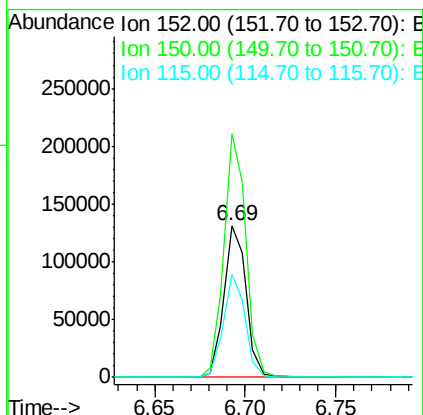
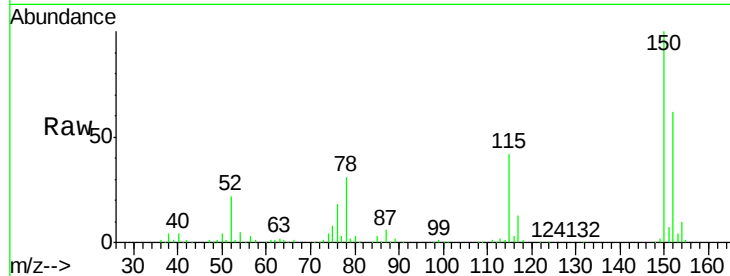


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098306.D
Acq: 7 Sep 2017 7:24

Instrument :
BNA_F
ClientSampleId :
083017-TIDO-F-U-M

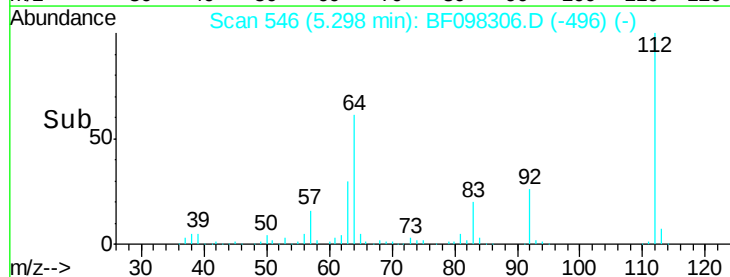
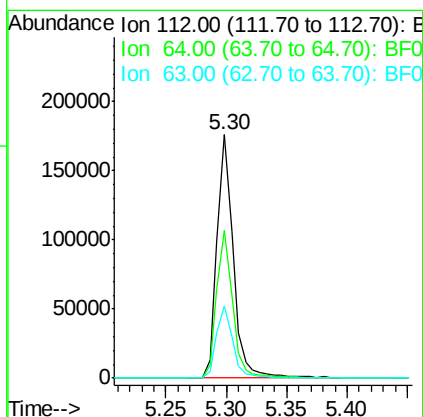
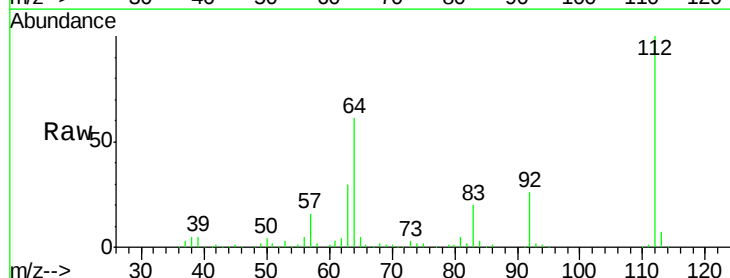
Tot Ion:152 Resp: 111860
Ion Ratio Lower Upper
152 100
150 160.6 126.2 189.2
115 68.0 52.2 78.2

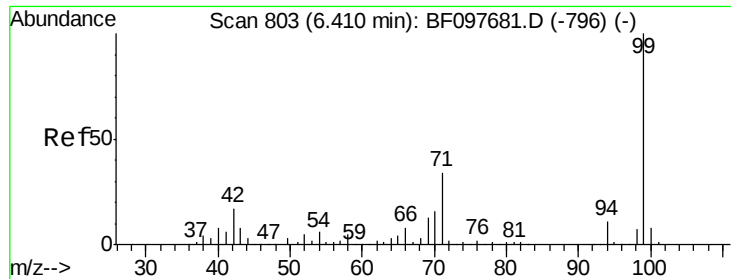


#5

2-Fluorophenol
Concen: 22.16 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF098306.D
Acq: 7 Sep 2017 7:24

Tgt Ion:112 Resp: 162976
Ion Ratio Lower Upper
112 100
64 60.6 46.0 69.0
63 29.8 23.4 35.0





#7

Phenol-d6

Concen: 21.44 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-U-M

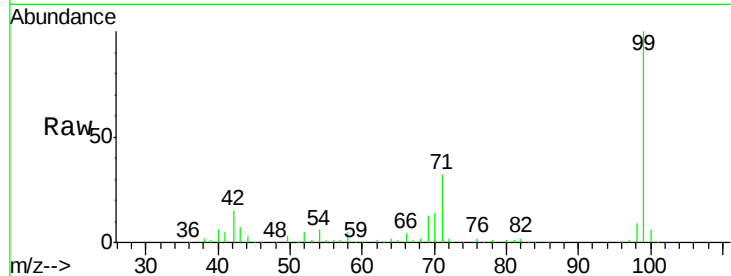
Tot Ion: 99 Resp: 214181

Ion Ratio Lower Upper

99 100

42 15.0 13.5 20.3

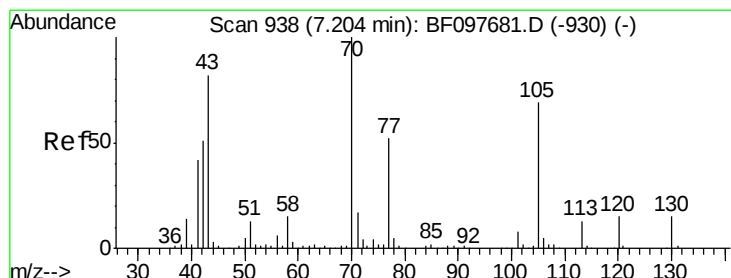
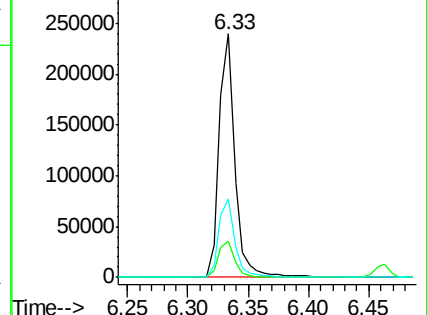
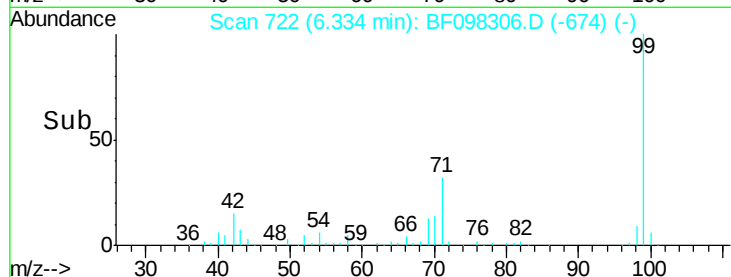
71 32.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 3.57 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.13 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

Tgt Ion: 70 Resp: 24401

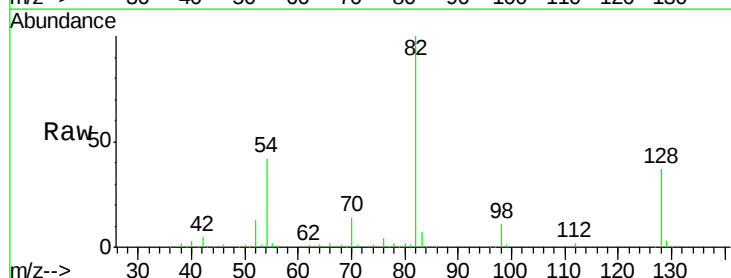
Ion Ratio Lower Upper

70 100

42 39.8 47.2 70.8#

101 0.0 7.2 10.8#

130 1.6 15.9 23.9#

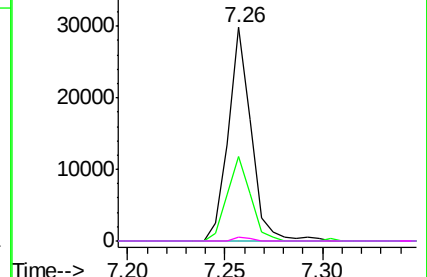
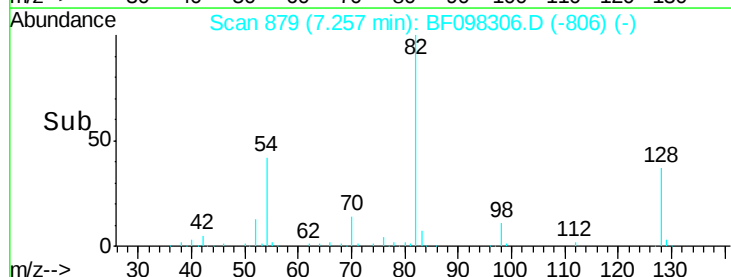


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-U-M

Tot Ion:136 Resp: 413260

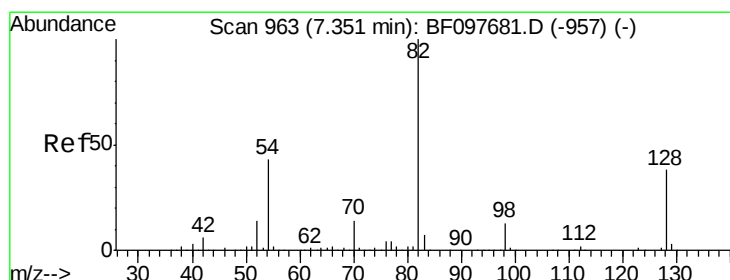
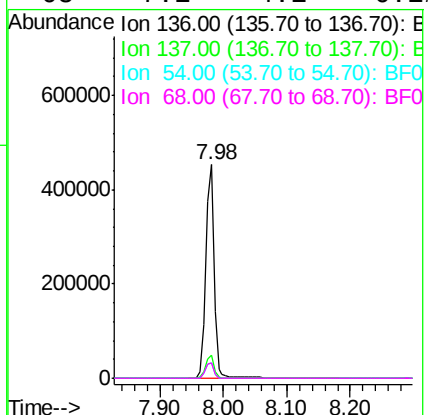
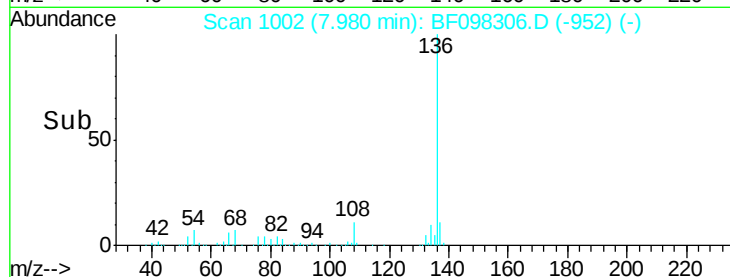
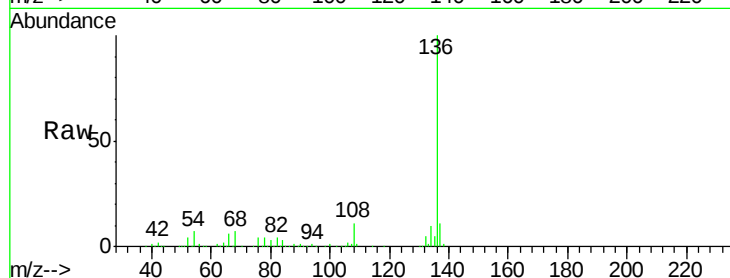
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 7.1 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 24.76 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.02 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

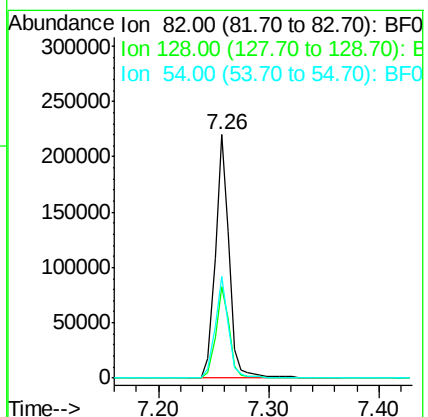
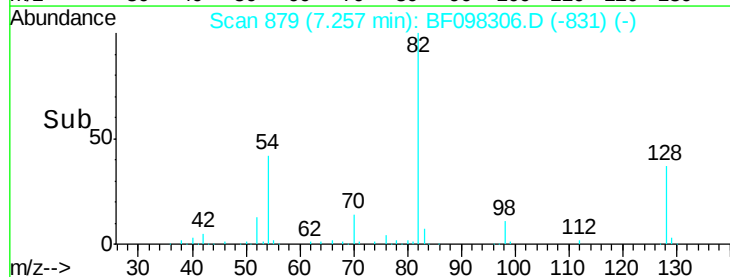
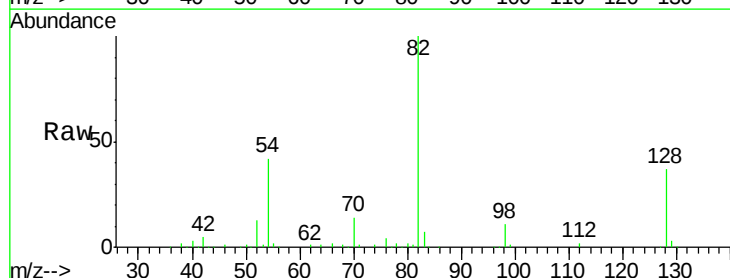
Tgt Ion: 82 Resp: 188381

Ion Ratio Lower Upper

82 100

128 37.5 34.0 51.0

54 41.6 42.2 63.2#





#25

Isophorone

Concen: 11.64 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.28 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

Instrument :

BNA_F

ClientSampleId :

083017-TIDO-F-U-M

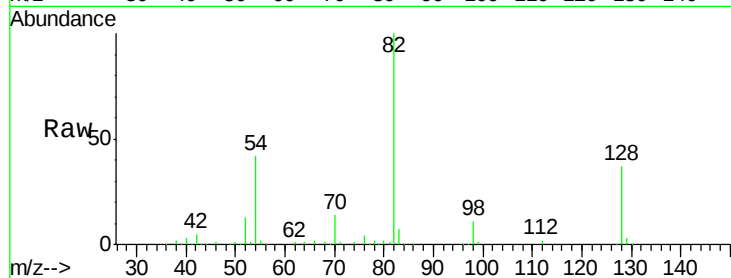
Tot Ion: 82 Resp: 184127

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

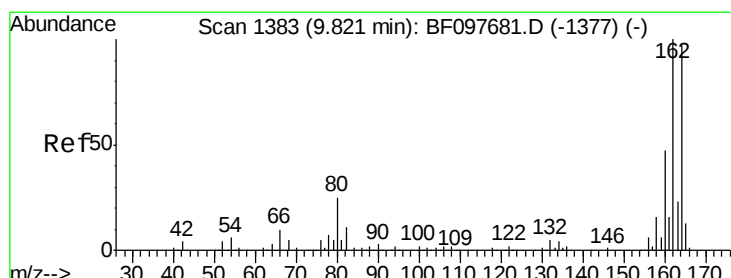
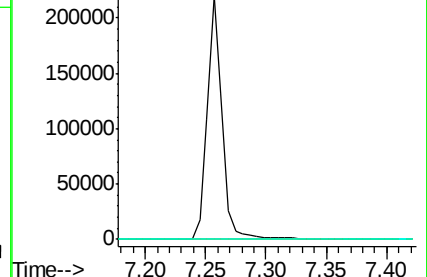
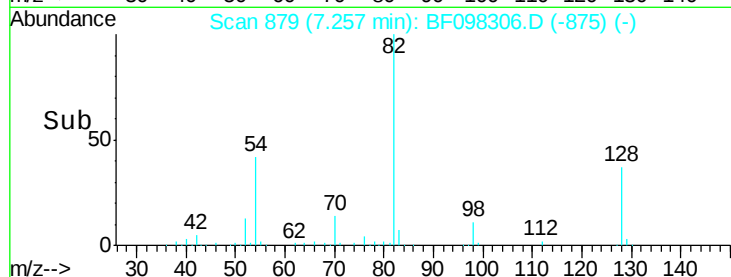
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

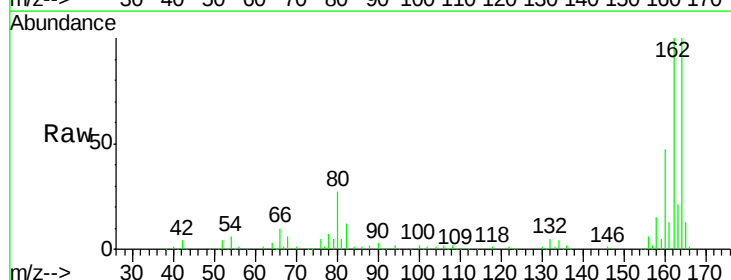
Tgt Ion: 164 Resp: 160747

Ion Ratio Lower Upper

164 100

162 100.2 82.6 123.8

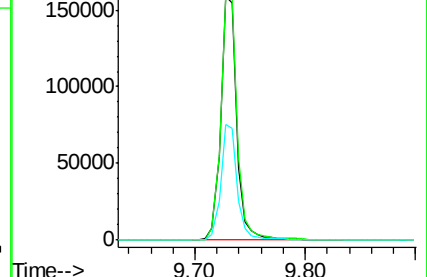
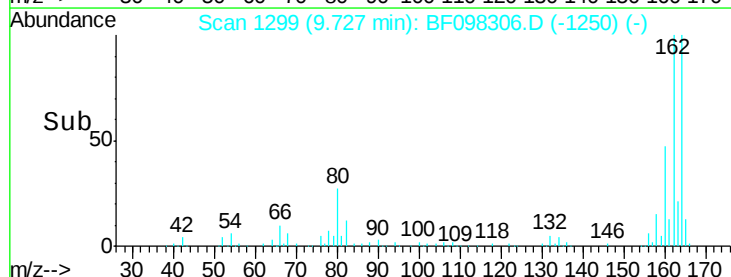
160 47.5 36.2 54.2

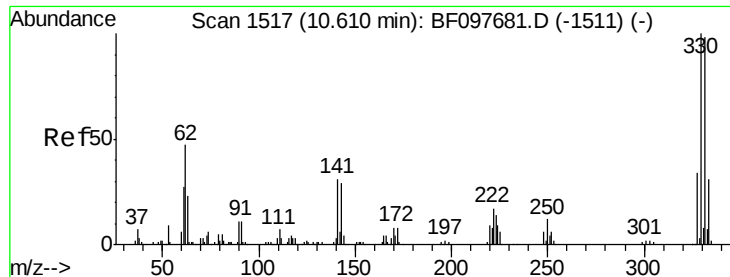


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

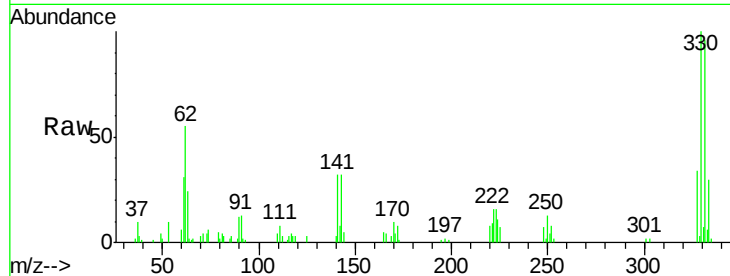




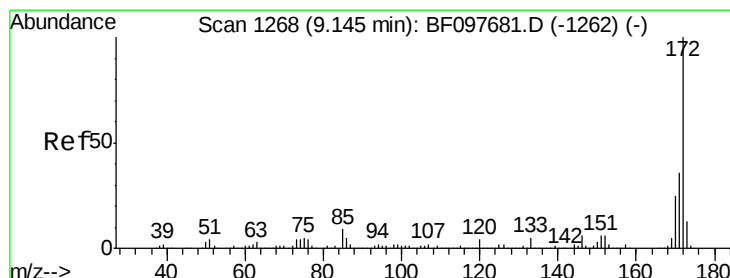
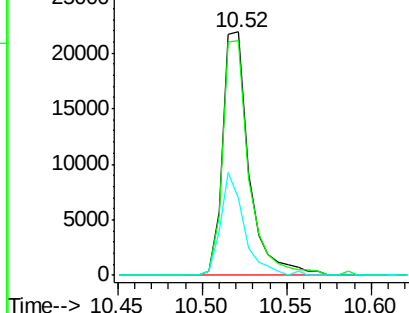
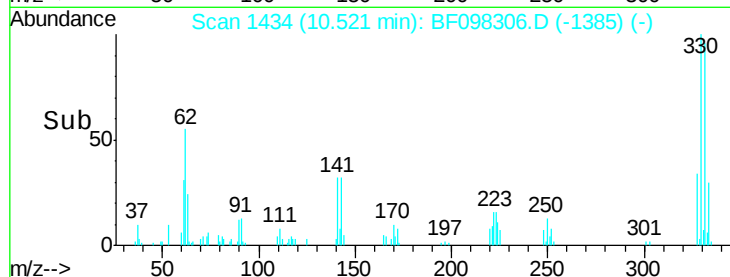
#41
 2,4,6-Tribromophenol
 Concen: 17.14 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098306.D
 Acq: 7 Sep 2017 7:24

Instrument :
 BNA_F
 ClientSampleId :
 083017-TIDO-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	38.0	31.4	47.2

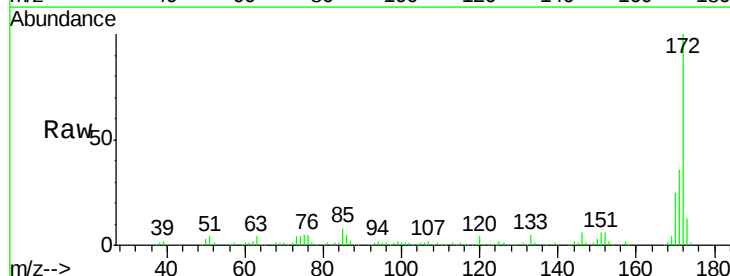


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

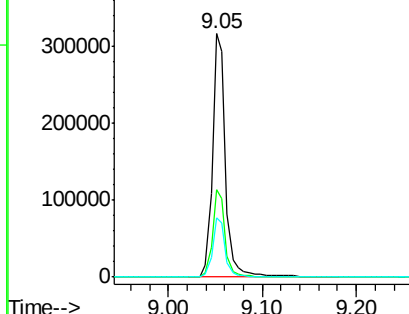
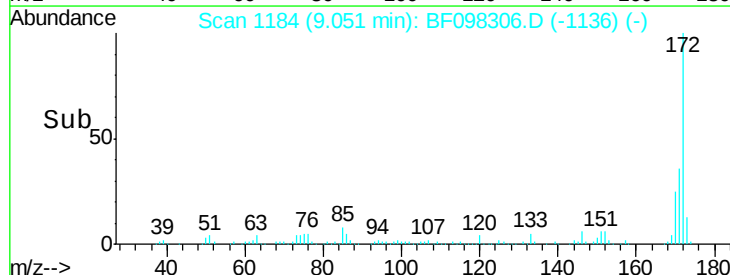


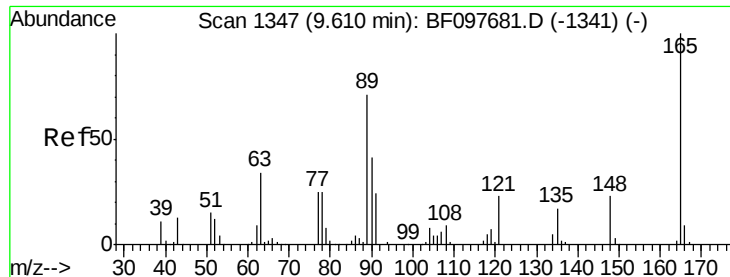
#44
 2-Fluorobiphenyl
 Concen: 28.54 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF098306.D
 Acq: 7 Sep 2017 7:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.6	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

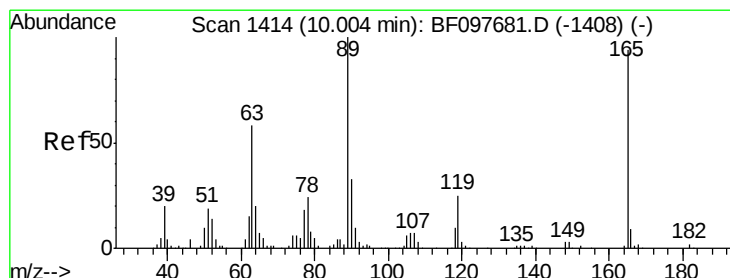
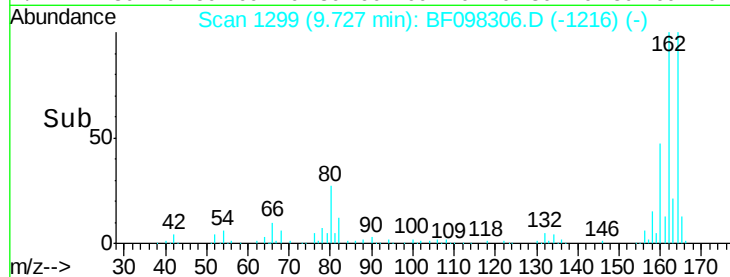
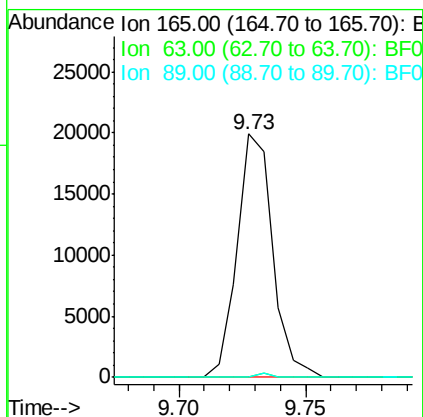
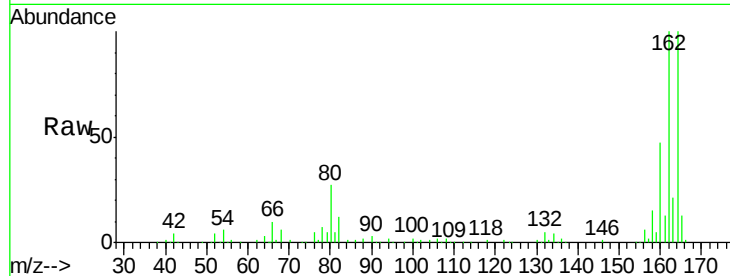




#50
 2,6-Dinitrotoluene
 Concen: 8.28 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.19 min
 Lab File: BF098306.D
 Acq: 7 Sep 2017 7:24

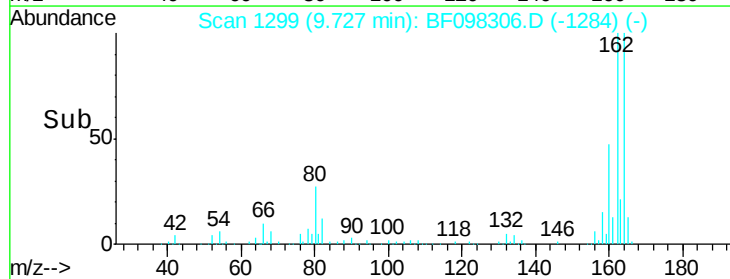
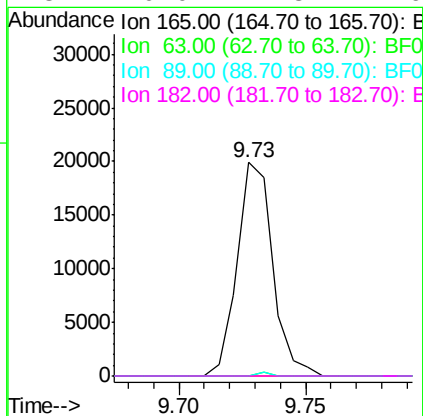
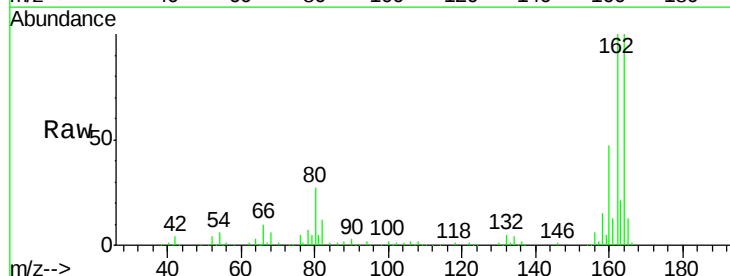
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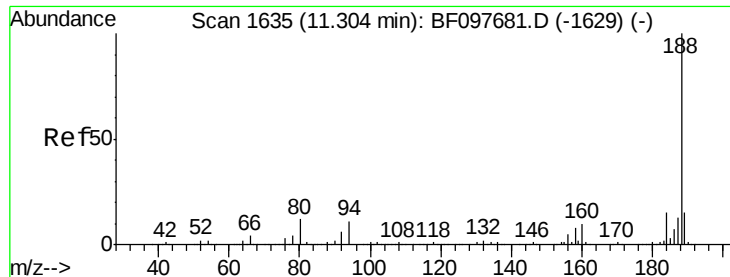
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.59 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF098306.D
 Acq: 7 Sep 2017 7:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

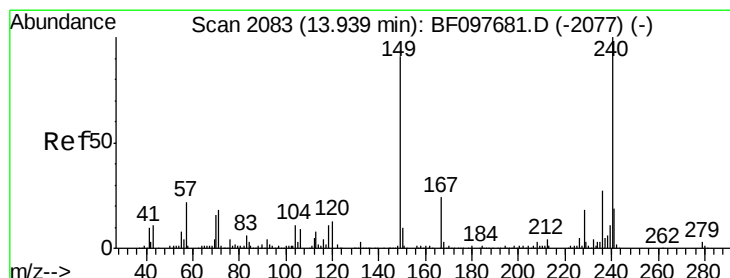
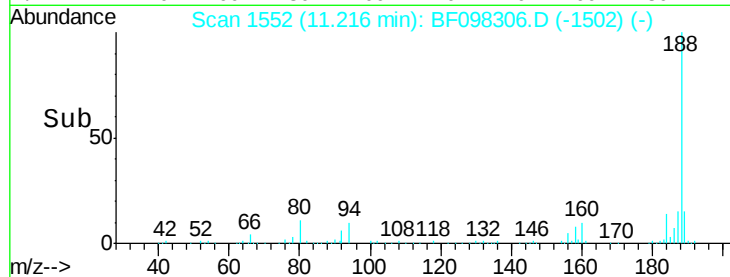
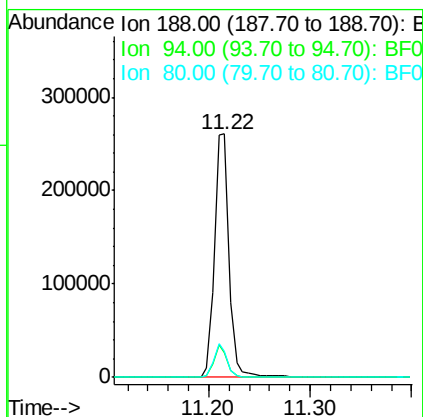
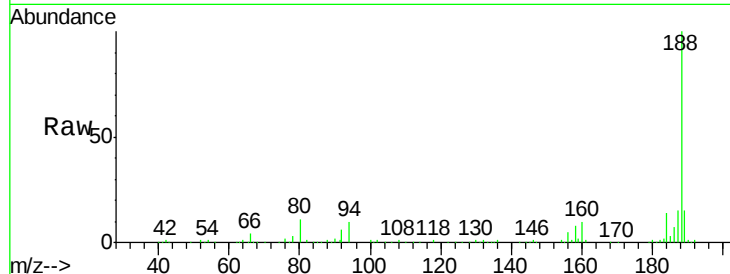




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098306.D
Acq: 7 Sep 2017 7:24

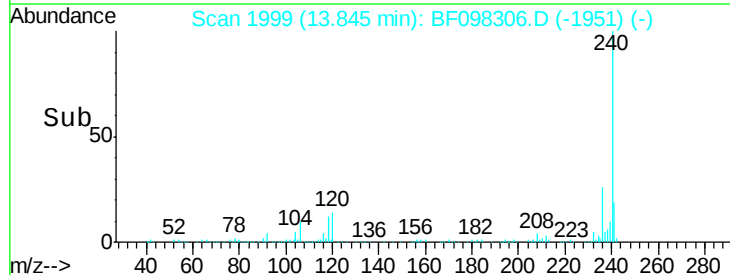
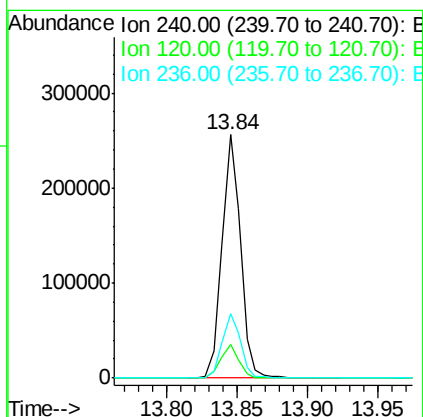
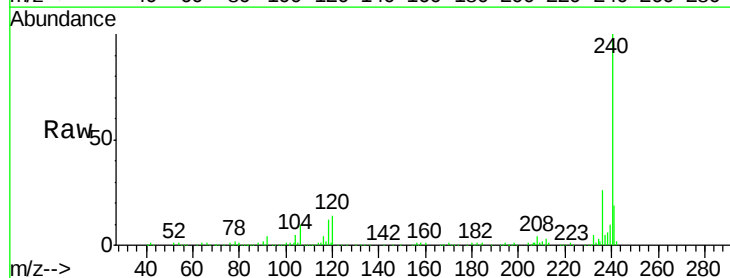
Instrument :
BNA_F
ClientSampleId :
083017-TIDO-F-U-M

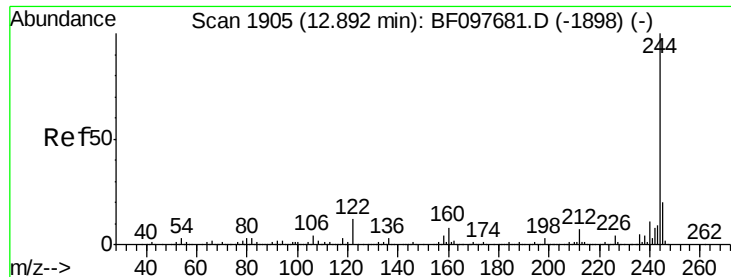
Tot Ion:188 Resp: 261434
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098306.D
Acq: 7 Sep 2017 7:24

Tgt Ion:240 Resp: 235276
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 26.2 20.5 30.7





#78

Terphenyl-d14

Concen: 19.40 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

Instrument :

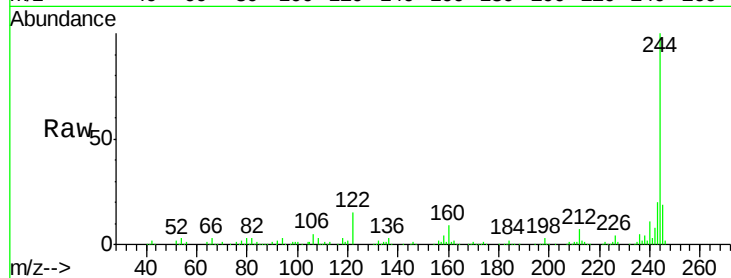
BNA_F

ClientSampleId :

083017-TIDO-F-U-M

Tot Ion:244 Resp: 218907

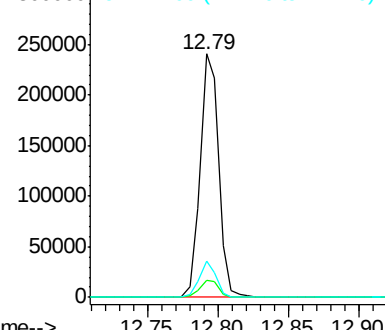
Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.9	10.3	15.5



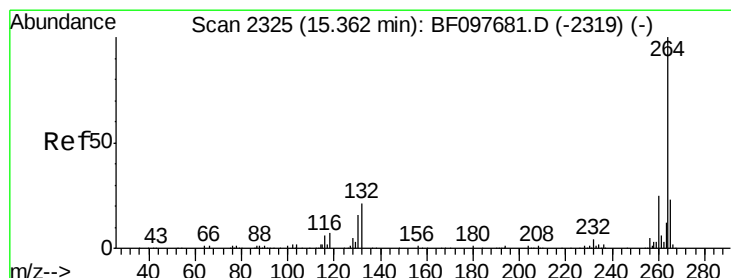
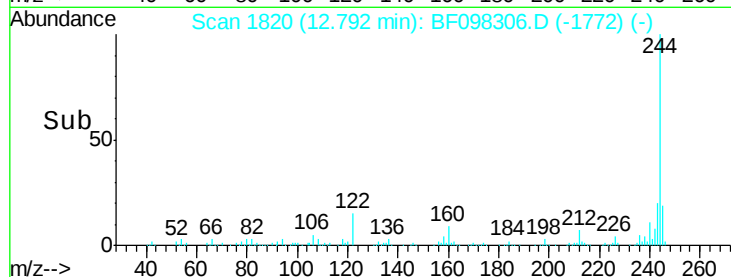
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.26 min Scan# 2239

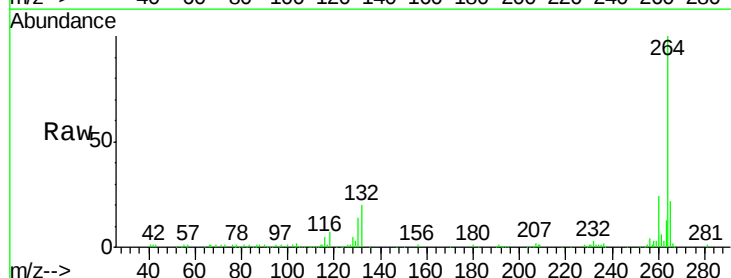
Delta R.T. -0.01 min

Lab File: BF098306.D

Acq: 7 Sep 2017 7:24

Tgt Ion:264 Resp: 159967

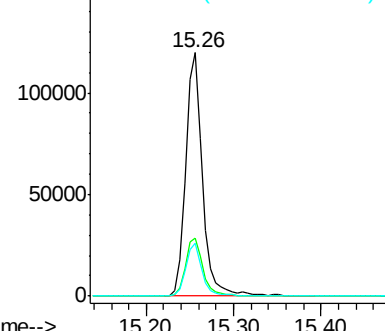
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->

